

For Research Use Only

# UCP1 Monoclonal Matched Antibody Pair, PBS Only



Catalog Number:MP50830-1

## Capture Antibody Information

**Catalog Number:**  
60583-1-PBS  
**Host:**  
Mouse  
**Isotype:**  
IgG1  
**Purification Method:**  
Protein G purification

**Clone ID:**  
3B3A4  
**Reactivity:**  
human  
**GenBank:**  
BC098168  
**Immunogen Catalog Number:**  
Ag20388

**Conjugate:**  
Unconjugated  
**Full name:**  
uncoupling protein 1 (mitochondrial, proton carrier)  
**Gene ID:**  
7350

## Detection Antibody Information

**Catalog Number:**  
60583-2-PBS  
**Host:**  
Mouse  
**Isotype:**  
IgG1  
**Purification Method:**  
Protein G Magarose purification

**Clone ID:**  
1A4A2  
**Reactivity:**  
human  
**GenBank:**  
BC098168  
**Immunogen Catalog Number:**  
Ag20388

**Conjugate:**  
Unconjugated  
**Full name:**  
uncoupling protein 1 (mitochondrial, proton carrier)  
**Gene ID:**  
7350

## Applications

**Tested Applications:**  
Cytometric bead array

**Range:**  
0.195-100 ng/mL (Cytometric Bead Array)

**Recommended Dilutions:**  
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

## Product Information

MP50830-1 targets UCP1 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: UCP1 Monoclonal antibody, PBS Only (Capture) 60583-1-PBS (3B3A4). 100  $\mu$ g. Concentration 1 mg/mL.

Detection antibody: UCP1 Monoclonal antibody, PBS Only (Detector) 60583-2-PBS (1A4A2). 100  $\mu$ g. Concentration 1 mg/mL.

Unconjugated mouse monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation.

Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

## Storage

**Storage:**  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**  
**Storage buffer:**  
PBS only

For technical support and original validation data for this product please contact:

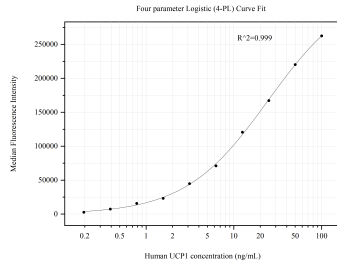
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E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

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**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



Cytometric bead array standard curve of MP50830-1, UCP1 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 60583-1-PBS. Detection antibody: 60583-2-PBS. Standard: Ag20388. Range: 0.195-100 ng/mL.